



1/7

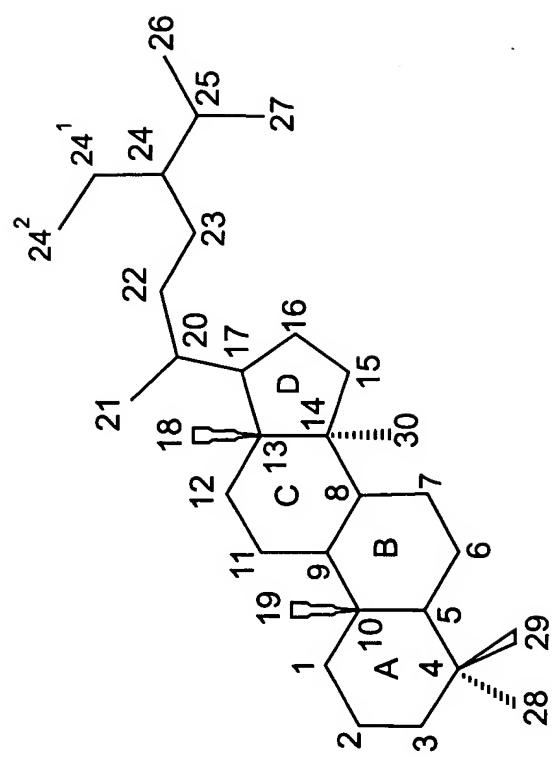


FIG. 1

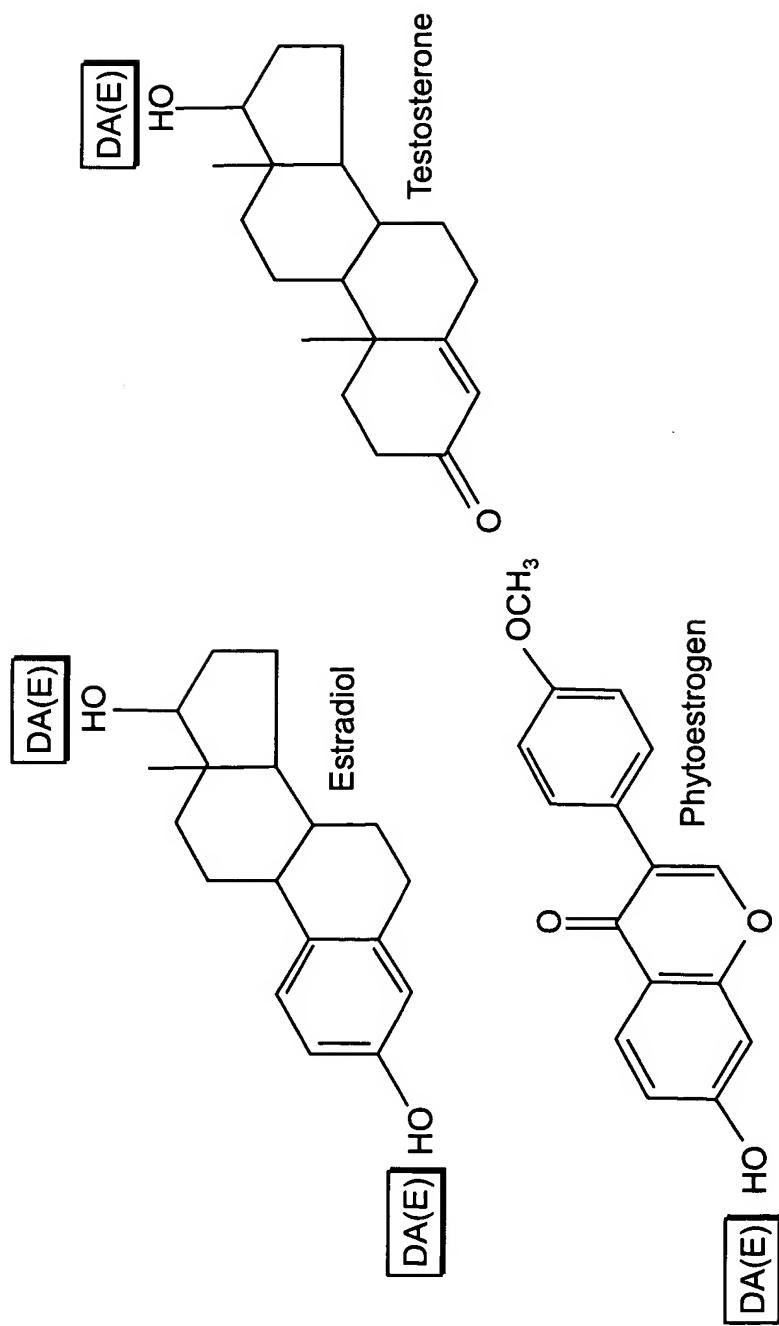


FIG. 2

DA(E) = Dicarboxylic Acid Conjugate (through and ESTER bond)

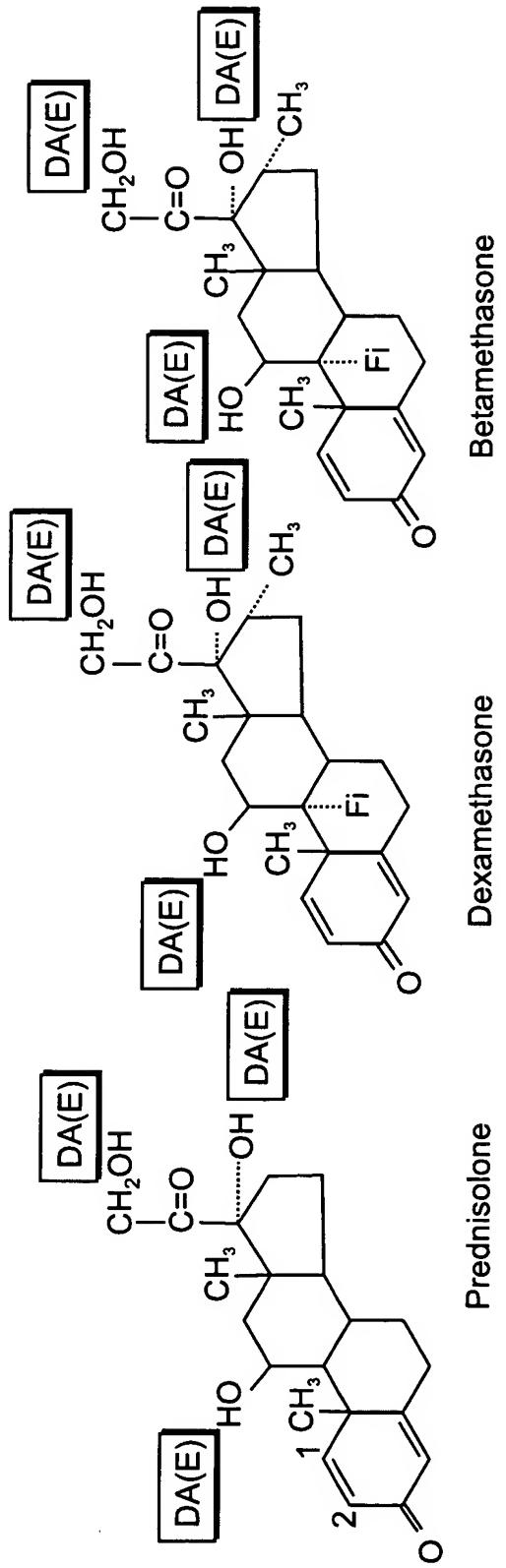
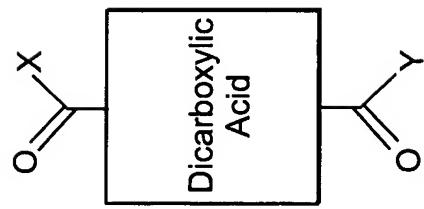


FIG. 3



Wherein:

- X = Steriod moiety
- Y = X, OH, -OR, NH₂, -NHR or NR₂
- R = -Alkyl, -Aryl, -(CH₂)_m-Aryl, -(CH₂)_m-OH, -(CH₂)_m-NH₂, or -(CH₂)_m-SH
- m = 0, 1, 2, 3, 4, or 5

FIG. 4

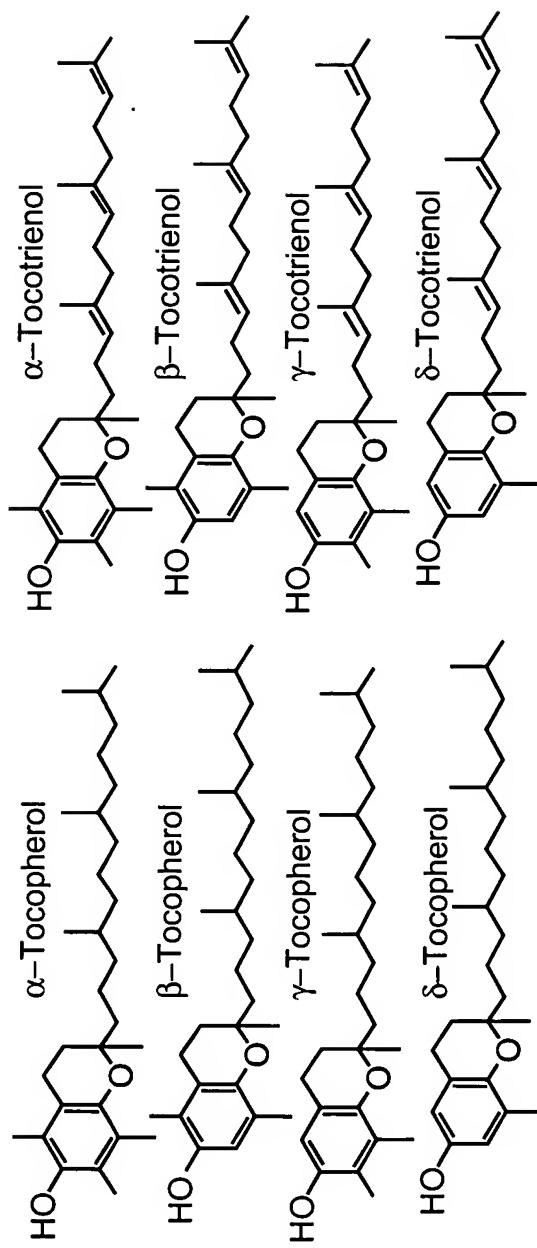
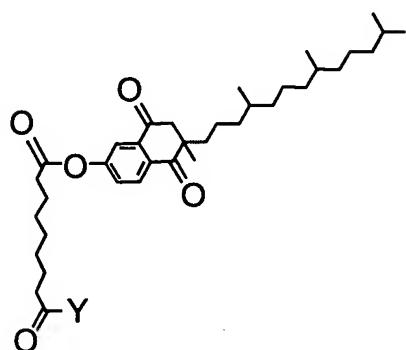
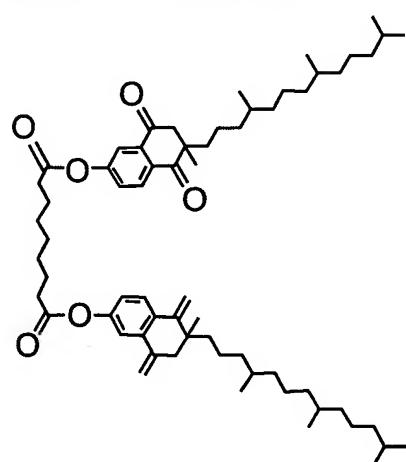


FIG. 5

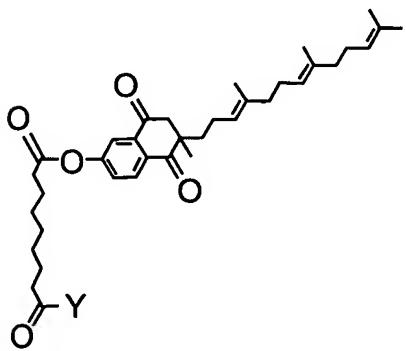
Azelaic acid linked with one
Tocopherol molecule



Azelaic acid linked with two
Tocopherol molecules



Azelaic acid linked with one
Tocotrienol molecule



Azelaic acid linked with two
Tocotrienol molecules

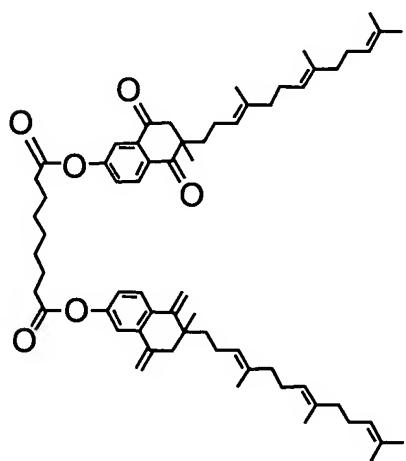
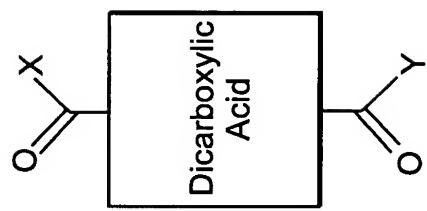


FIG. 6



Wherein:

- X = Vitamin D moiety
- Y = X, OH, -OR, NH₂, -NHR or NR₂
- R = Alkyl, -Aryl, -(CH₂)_m-Aryl - (CH₂)_m-OH, -(CH₂)_m-NH₂, or -(CH₂)_m-SH
- m = 0, 1, 2, 3, 4, or 5

FIG. 7